

--7. (amended) A composite plastic composition according to claim [6] 1 wherein the (meth)acrylic monomer is selected from one or more of methyl methacrylate, methyl acrylate, ethyl acrylate, acrylic acid and butyl methacrylate. --

--20. (amended) A composite plastics composition comprising a particulate crosslinked polymer dispersed within a thermoplastic matrix, wherein:

(a) the composite plastics composition comprises 10 to 45 weight percent of the crosslinked polymer, based on the weight of the composite plastics composition, and the crosslinked polymer has a particle size substantially from 0.2 to 1.2 millimeters;

(b) the crosslinked polymer comprises (i) 90 to 99.5 weight percent monomer units selected from one or more of vinylaromatic monomer and (meth)acrylic monomer, [and] (ii) 0.5 to 10 weight percent crosslinker, based on the weight of crosslinked polymer, wherein the crosslinker is one or more of allyl methacrylate, ethylene glycol dimethacrylate and divinylbenzene, and (iii) 0.1 to 15 weight percent inert filler, based on the total weight of crosslinked polymer;

and

(c) the crosslinked polymer is visually differentiable from the thermoplastic matrix,

wherein the thermoplastic matrix comprises 50 to 100 weight percent poly(alkyl (meth)acrylate) and zero to 50 weight percent impact modifier, based on the weight of thermoplastic matrix and

wherein the impact modifier is a multi-stage sequentially-produced polymer comprising at least three

Clean Version of Proposed Amended Claims

C1
7. A composite plastic composition according to claim 1 wherein the (meth)acrylic monomer is selected from one or more of methyl methacrylate, methyl acrylate, ethyl acrylate, acrylic acid and butyl methacrylate.

C2
20. A composite plastics composition comprising a particulate crosslinked polymer dispersed within a thermoplastic matrix, wherein:

(a) the composite plastics composition comprises 10 to 45 weight percent of the crosslinked polymer, based on the weight of the composite plastics composition, and the crosslinked polymer has a particle size substantially from 0.2 to 1.2 millimeters;

(b) the crosslinked polymer comprises (i) 90 to 99.5 weight percent monomer units selected from one or more of vinylaromatic monomer and (meth)acrylic monomer, (ii) 0.5 to 10 weight percent crosslinker, based on the weight of crosslinked polymer, wherein the crosslinker is one or more of allyl methacrylate, ethylene glycol dimethacrylate and divinylbenzene, and (iii) 0.1 to 15 weight percent inert filler, based on the total weight of crosslinked polymer; and

(c) the crosslinked polymer is visually differentiable from the thermoplastic matrix,

wherein the thermoplastic matrix comprises 50 to 100 weight percent poly(alkyl (meth)acrylate) and zero to 50 weight percent impact modifier, based on the weight of thermoplastic matrix and

C.2
Cont.

wherein the impact modifier is a multi-stage sequentially-produced polymer comprising at least three stages in a sequence of a non-elastomeric first stage, an elastomeric second stage and a non-elastomeric third stage, and

wherein the composition is capable of multiple passes through extrusion or molding.
